

The Caledonian

St. Johnsbury, Thursday, July 2, 1891

FOR THE FARM.

EARLY CUTTING OF GRAIN.

The importance of early cutting of grain before it is fully ripe was well shown a few years ago by an experiment made in Illinois. Of a field of fifty acres of wheat, a part cut ten or fifteen days before full maturity gave plump grain that weighed 62½ pounds to the bushel, while that which stood until fully ripe weighed only fifty-eight pounds to the bushel, a shrinkage in weight of 7½ per cent, to which might be added a further shrinkage from grain that rattled out in handling. This is as applicable to other grain, including field corn, or to any crop grown for seed, as to wheat. Millers know that wheat cut before it is quite ripe makes better flour than when it stands longer, and other experiments have indicated that it was better for seed purposes, germinating more readily, and coming forward more rapidly. As a general rule, the best time for cutting grain is when the seed is fully formed and has glazed over, but is yet so tender as to be crushed between finger and thumb.

ANIMAL INSTINCT.

A certain milkman had to deliver his milk every day in the week, Sundays included. After he had made his rounds he would drive with his family to church on Sunday. On this particular Sunday his master left him standing before the house of one of his customers in Rockville; when he came out of the house his horse and milk cart were gone. When found, the horse and cart stood in the accustomed shed at the church, some four miles away, all safe and sound.

Now, how could that horse know that that particular day was Sunday, for he was performing his accustomed duties daily, and there was nothing to remind him that that particular day was for him to attend church. Even birds can count. The jackdaw will count as far as three. Let four men enter a bower where he feeds, and then one of them go out, these birds will not come to the feeding place. Or let two come out—it is the same; but let three go out, leaving the fourth concealed behind in the thicket, and the jackdaws will fly down for their feed. They can't count beyond three. —[Hartford Times.]

KEEP THE CULTIVATOR GOING.

Whether weeds appear or not there is great advantage in constant use of the horse and cultivator, and if it needs weeds to remind farmers of their duty to stir the soil, then blessed be the weeds, they may well say. How cultivating warms the soil may be noted by the much larger surface which is exposed by the rough ridges the cultivator leaves after it has gone through. Besides it turns the warmed soil on the surface two or three inches deep, where it is in just exactly the position to feed the roots. This, when the cultivation is done on a hot June day, affords no inconsiderable amount of heat to the roots of corn in the middle of the rows. Some of these roots may be cut off, but enough more will start out to more than make good their loss, especially if the soil be rich and moist.

DON'T BE IN A HURRY.

To farmers who are tempted by the present high prices of meat to rush their stock to market before it is well fattened we would say, don't do it! It is true that grain is high, and that it will cost something to complete the fattening process, but we are confident that it will pay well to put the animals in good condition before they are sold. If properly fed there is a very rapid gain after they get well started, till the animals become quite fat. In this business, as in many other things, it is the early steps that cost. After the work is well commenced the rate of profit increases rapidly. It is well to remember also, as one of the incidentals, that the manure made by fattening animals is of great value, and that if it is carefully used and wisely used it will do considerable toward paying the expenses of feeding the stock.

ODD GLEANINGS.

The strong claim is made that a race of hogs fed exclusively on corn is as sure to become diseased as day is to follow night. The most careful hog growers are thinking very strongly this way and are getting away from corn as much as possible for food except for finishing up for market.

Poultry keeping is a healthy and engrossing pursuit. It is pleasurable as well as profitable; it affords amusement, and well repays for the time and labor spent while engaged in it; but it should never be undertaken by any but those who take an interest in it and find pleasure in the work.

The liability of loss in young trees is greater in those trees that are two years old than in the younger trees. Small trees have more fibrous roots and make more rapid growth. When a tree is rather large it requires some time for it to become rooted and to start in growth.

The green crop ploughed under is composed of three chief parts. About four-fifths of it is water, or from eighty to eighty-eight per cent; about one-fiftieth of the whole, or two per cent, is composed of what

are called ash ingredients, and the rest is the so-called organic matter. This organic matter which is really the most useful part of the green manure, makes up, therefore, about a twelfth of the whole mass put under the ground.

VERMONT NEWS.

At the East Barnard factory over 2000 pounds of milk is daily made into cheese.

Burlington people had a concert by Theodore Thomas Orchestra on Monday evening.

It is stated that Sprague Superb will trot at the state fair in White River Junction this fall.

Rutland expects to have a shoe factory that can turn out 200 pairs a day.

Rob. Fitton, rather notorious in Windsor county's criminal records, is at last serving a twelve years' sentence in state prison.

Henry H. Smith, formerly clerk of Rutland county, and a past grand master of Masons, died at Rutland on Saturday, of paralysis, aged 54 years.

George Phillips was arrested in the southern part of the state on Friday, charged with stealing a horse belonging to a North Adams, Mass., man. He is an old offender, having served several terms in New York state jails.

The Washington county Good Templars held a union meeting at Waitsfield last Thursday. Reports from other counties were read and Rutland was ahead, having a membership of 548.

OLD VIOLINS.

The great violin-makers, all of whom lived within the compass of a hundred and fifty years, were, in the first place, particular about the wood they used. That was rare which exactly suited them. They chose it from the few great timbers felled in the South Tyrol, and floated down in rafts—pine and maple, sycamore and pear and ash. They examined these to find streaks and veins and freckles, valuable superficially when brought out by varnishing. They learned to tell the density of the pieces of wood by touching them; they weighed them, they struck them, and listened to judge how fast or how slow or how resonantly they would vibrate in answer to strings. Some portions of the wood must be porous and soft; some of close fibre. Just the right beam was hard to find; when it was found, it can be traced all through the violins of some great master, and after his death in those of his pupils.

The piece of wood when to their mind was taken home and seasoned, dried in the hot Brescia and Cremona sun. The house of Stradivarius, the great master of all is described as having been as hot as an oven, one being soaked through and through with sunshine there. In this great heat the oils thinned and simmered slowly and penetrated far into the wood, and the varnishes became a part of the wood itself. They used to save every particle of the wood, when they had found at last what they liked, to mend and patch and inlay with it. So vibrant and so resonant is the wood of good old violins usually, that they murmur and echo and sing in answer to any sound where a number of them hang together on the wall, as if rehearsing the old music that once they knew. It was, doubtless, owing to this fact that when the people could not account for Paganini's wonderful playing, they declared that he had a human soul imprisoned in his violin, for his violin sang and whispered even when all the strings were off. There have been experiments made with all sorts of woods by the various makers. An Earl of Pembroke had one made of the wood of the cedars of Lebanon, but it was so dense as to deaden vibration, and it proved disappointment. —[Harper's Young People.]

SYMPATHY FOR CHILL.

Our sympathies are naturally with a revolution which is apparently maintained by a people against an army commanded by a chief who has unquestionably acted illegally in important matters, and who has dispersed a congress by which he was deposed. The American instinct is well expressed by a remark which was made at the time of the trouble between Andrew Johnson and congress: "I don't know the precise merits of the quarrel, but in a tight I am for congress as against the executive." So far as there is any popular feeling in this country upon the Chilean revolution, it is not for Balmaceda. The question, however, is not to be decided by general sympathy, but by the actual situation. Balmaceda is supported by the army, and therefore holds the larger part of the country, and a congress elected under military auspices sustains him. The insurgents hold four of the eighteen provinces and the navy, and are upheld by the congress of 1888, which is the last congress elected without military supervision. This congress is the only present accessible representative of the popular will, and it may be considered a fair question whether Balmaceda does not hold his position wholly illegally and by force. Meanwhile it may be assumed that the administration will consider the question in a wise and truly American spirit. —[Harper's Weekly.]

Figgs—You have an independent income, haven't you? Diggs—Independent? Well, I should say I had. It has utterly ignored me for years. —[Harper's Bazar.]

FOREIGN NOTES OF INTEREST.

The first German court of justice has held a session in Heligoland. The calendar was a blank. The clerk registered the fact that the court met and adjourned and all was over.

Experts studying leprosy in Simia have found the bacillus. They succeeded in giving a rabbit leprosy, the first time the disease has ever been known outside of the human body.

Munkacsy's new picture, which he began two months ago in Paris, will represent Christ among His disciples. It will be completed in about two years, will be exhibited all over Europe and the United States, and will be added eventually to the Berlin National gallery.

Constantinople has 50 newspapers; 19 of them are daily, 5 semi-weekly, 17 weekly, 3 semi-monthly, 7 monthly. In nationality 5 are Turkish, 7 Armenian, 8 Greek, 6 French, 2 French and English, 1 Italian, 2 Hebrew, 2 Bulgarian, 1 Arabian, 1 Persian, 1 German.

Japan's Emperor has decreed that every man who provokes a duel or accepts a challenge shall pay a heavy fine and serve from six months to two years in the galleys. The taunting of a man for his refusal to fight when challenged will be regarded as slander, and will be so treated by the courts.

The Congo state's only newspaper, the Congo Mirror, made its first appearance a few weeks ago. It is a four-page weekly, printed with a lithographing machine. The editor, proprietor, printer, and newsboy are incorporated in one Englishman. The Mirror is a fighter, and in its first issue accused a Congo official of murder and scoffed at the King of Belgium.

Of all European countries Sweden has proportionately to its population the most extensive telephone system. For the further perfection of the service the General Telephone company, in Stockholm, now offers to put apparatus in subscribers' houses for \$2.75 per year each. The tariff for each call will be 2½ cents extra. The lowness of the price is the result of competition between the government telephone system and the General Telephone company.

Germany's Fishery association, with its 17,000 members, has grown into an international affair. Three weeks ago it made a compact at Coblenz with the Dutch and Swiss associations that hereafter the stocking of the Rhine with salmon should take place at the river's source rather than as heretofore at the various places selected by the three national associations independently of each other. The Elbe has been so carefully stocked by the association that this year 2,000 big salmon were taken at Hamburg. "Of all European countries," said the association's secretary in its annual convention at Berlin two weeks ago, "Germany is most advanced in fish culture. The United States, however, is ahead, far ahead, of us all."

Capt. Stairs, who was one of Stanley's favorite officers during his last journey across Africa, has gone back to Africa in the service of the Kataga company to help explore the great region on the upper Congo which has recently been ceded to that company by the free state. It was Capt. Stairs who climbed the remarkable snow-capped mountain, Rowenzori, which Stanley discovered between Lakes Albert Nyanza and Muta Nize. He ascended until he found that the final peak was separated from him by a deep valley and he had not time to go further, because Stanley's caravan was on the march, and he was compelled to join it. Capt. Stairs has under his command several white assistants and a large force of carriers. A physician is also a member of the party. A doctor is a feature of most recent African exploring expeditions, which is something new, as none of the expeditions in equatorial Africa employed physicians until Stanley set the example on his march to relieve Emin, when he had two physicians in his party.

New Advertisements.

Ashton's Salt,

With a reputation extending back

SEVENTY-FIVE YEARS

Is The

Best Dairy Salt In The World.

Seventy-five per cent of the most successful Dairy and Creamery Men in the country

Use Ashton's Salt.

It is the strongest Salt and goes farthest. It gives the finest flavor. It needs no crushing or rolling before using—does not lump in the sack. It holds butter better than any other—no shrinkage in butter salted with Ashton's. It adds its own weight to the butter more than any other salt.

ELGIN CREAMERY CO., Elgin, Ill.
FRANKLIN CO., VT., CRY. ASS., of St. Albans

Use Ashton's Salt.

Ask your grocer for it.

For Sale by RANNEY & POTTS.

FRANCIS D. MOULTON & CO.

29 Broadway, N. Y.
Sole Agents for U. S. and Canada.

Of Interest to Dairymen.

To those who think of buying a creamery we would be pleased to have them investigate the merits of the

Barden Automatic Creamery, before buying any other. Thousands of Separators in use. All Creameries are warranted to be just as represented or no sale.

To the Barden Creamery Co. Having been using one of your creameries I can say it does all that is claimed for it. I could not be induced to go along without it. As long as I keep a dairy I can make more butter with less work in caring for the milk. I can churn in from 20 to 30 minutes. LYMAN STEVENS, Danville, Vt.

To the Barden Automatic Creamery Co. I can say that it works much better than I expected. It makes more butter with less than half the cost. I would not have it taken out for \$100 if I could not get another. 11 churns in 30 minutes or less. H. D. PIERCE.

C. E. Kirk, Agent: When you and Mr. Barden came here last fall to sell me a creamery I told you I had been thinking for some time about changing from the large pans to a creamery but had not seen one that suited me. I then looked over the Barden and told you I thought it was just what I wanted, and now after over two months trial I know it is. The workmanship and action are perfect and it does its own skimming. There is no lifting of cans nor gearing to fuss with. I think the difference in the quantity and quality of my butter will more than pay for it this year to say nothing about the saving of labor which my wife begins to think is no small item. IRA G. SMITH.

East St. Johnsbury, Jan. 8.
For catalogue, price list or other information address,

The Barden Cream Separator Co.,
Middle Granville, N. Y.,
Or CHARLES E. KIRK, Agent,
St. Johnsbury, Vt.

"BLOOD WILL TELL."

HENRY S.,

May be found during the season of 1891 at the farm of his owner near East St. Johnsbury, Vt. Look up the great number of trotters and valuable gentlemen's drivers produced in his blood lines, and then come and see him and his stock. He is an exceedingly well bred horse. He shows his breeding in his fine form and action and in his stock. He is bred to Rysdyk's Hambletonian, his sire and dam both being by sons of that great progenitor of trotters. He is bred to American Star, the great brood mare sire. He is bred to Imported Diomed, besides the Star crosses in five strains, making eight in all to Diomed. He is bred to Abdallah besides the Hambletonian crosses. He is bred to Imported Messenger, besides the Hambletonian crosses, including the Abdallah crosses, in eight strains. He has a strain to Imported Belfounder besides the Hambletonian crosses. He has in his pedigree, outside the Hambletonian crosses, enough Belfounder blood to make another Hambletonian, and enough Messenger to blood two. He is a quarter thoroughbred through thoroughbred Hibernia, the dam of his sire. He has two strains to the Morgan family, one coming through that greatest of Morgan sires, Daniel Lambert. He is himself the producer of speed. He is the sire of Lucy P., 2:27½, Ethan S., 2:35½, Baby M., 2:40, Opal, trial, 2:36. Send for circular giving extended pedigree and the great number of trotters, including the very fastest, which carry the same bloods.

WILLIAM W. GROUT.

J. C. HOPKINS, Agent.
East St. Johnsbury, Vt.

PURE GROUND BONE

Is the best

FERTILIZER.

If you want to raise big crops and make the farm pay, use Bone Fertilizer manufactured by

PARK & BARRETT,
St. Johnsbury, Vt.

We also manufacture Bone Meal for cattle and poultry.

Cash paid for

Hides, Skins, Furs and Wool.

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GUARANTY LOAN CO.,

MINNEAPOLIS, MINN.

Cash Capital - \$1,000,000.

Guaranty Fund - \$150,000.

Directors:—Louis F. Menage, President; Thomas Lowry, A. J. Dean, W. S. Streeter, Vice Presidents; W. D. Washburn, W. H. East, Loren Fletcher; J. M. Addeman; P. H. Necher, Geo. A. Pillsbury; H. E. Fletcher, C. H. Pettit; Chas. Robinson.

If you want absolutely safe investments we solicit your patronage.

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W. C. RODMAN, Drexel Bldg., Philadelphia.
FRANK H. FISHER, Burlington, Vt.

BUFFALO BILL.

This Celebrated Stallion is mahogany bay, weighs 1200 lbs., and stands 15½ hands high. His sire was imported from England, his dam a Morgan mare. He is kind and gentle, good style, never speeded but can go better than three minutes. Buffalo Bill is half-brother to the celebrated "Cornell" mare which trotted at Caledonia Fair in 1879.

Terms \$12 to Warrant.

We the undersigned testify under oath that the Brown Horse owned by Mr. Finard, bought of Mr. F. Burton of St. Ferdinand, county of Megantic, is a good horse in all respects and is considered by us to be the best stock horse in these three counties—Megantic, Drummond and Athabaska.

E. DURVIN.

Sworn to before me at East Athabaska, P. Q., Nov. 22, 1883. FOURNIER Jus. Pence.

Will be at Lyndon Corner every Thursday after May 14. All other times at my place at 29 Maple Street.

C. C. PINARD.

Closing out Sale.

Having decided to make a change in my business, I will for the next 30 days

Sell at Cost

to close out the stock. I have a nice Clean Stock of Small Wares. Don't take my word for it, come and see for yourselves.

To any one wishing to go into the Small Ware and Fancy Goods Business, this is a

Golden Opportunity

to buy a good clean stock and continue my lease of store. A grand opening for a Millinery Store in connection with this business.

F. A. CARTER, - ST. JOHNSBURY, JUNE 1.

St. Johnsbury, Vt., June 25, 1891.

C. M. STONE & CO.

Dear Sirs:

Will you please discontinue the Advertisement that has appeared in your paper for the past three weeks, as some of the goods are entirely closed out and we are unable to duplicate. It is very evident to us that the majority of the people for miles around read your paper and that they appreciate the many bargains from time to time we offer through its Columns. Our store is well filled with seasonable goods, but as you no doubt understand, as the season advances our stock becomes more and more broken. We are duplicating wherever we can. Odds and Ends are being closed out regardless of cost. You will hear from us again before many days.

Very Respectfully Yours,

E. N. RANDALL.

77 Railroad Street.

Summer Garments.

This Is Simply To Say That OUR Summer Garments Are Extremely Good-fitting And Stylish.

F. G. STEVENS, J. S. MEIGS, Cutter, Music Hall.

10 Per Ct., 12 Per Ct., 13 Per Ct. In Monthly Payments.

MAY-JAZEPPA STOCK. Price \$1.25 PER SHARE. Regular dividend 1 1/4 per cent monthly; paid since June \$130,000 in dividends. April dividend, \$12,500.

BATES-HUNTER SHARES, par \$1. Price 70 cents per share. Monthly dividend equal to 1 per cent on price. April dividend, \$7500.

SAN MIGUEL CONSOLIDATED GOLD MINING COMPANY.

GENERAL BENJ. F. BUTLER, President. Shares, par \$10.00. Price \$6.00 per share. Dividend monthly, 5 cents per share—10 per cent per annum on price of Stock.

Send for Information. All Dividends by Check.

Colorado Mining Investment Co.

JAS. GILFILLAN, Treas., (Ex-Treasurer U. S.)

Ames building, Boston.

Morgan Wilkes.

This fine stallion was sired by Abdallah Wilkes. His dam was a superior mare sired by Old Black Morgan. Abdallah Wilkes was awarded first premium at the Vermont State Fair last fall as the best stock horse shown. Morgan Wilkes' colts took first premium at our county fair last fall as yearling and sucking colts, that being the only ones which he has sired colts since coming to this country. His colts were shown with a large number that were sired by horses whose services were from \$20 to \$50. Morgan Wilkes will make the season at my farm in Danville for the small sum of \$10 to warrant.

Danville, Vt., June 10, 1891.

KELLOGG, Photographer.

Photos. \$2.50 and \$3 per dozen.

SALESMEN - WANTED -

To canvass for sale of Nursery Stock. Steady Employment Guaranteed. Salary and Expenses Paid. Outfit Free.

F. W. CHASE, Augusta, Maine.